

LISTING OF CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method of accepting deposits of currency bills into a document processing device for crediting to a specified account, comprising:

receiving a plurality of documents associated with a deposit being made at a financial institution into an input receptacle of the document processing device, wherein the plurality of documents include at least one currency bill bearing a printed image that includes a serial number;

scanning the image of at least the serial number on each currency bill to produce electronic data;

extracting the serial number of each currency bill from the electronic data;

denominating each currency bill;

accumulating the total value of the currency bills included in each deposit; and

in the document processing device, automatically generating a government-required report whenever the accumulated total value exceeds a prescribed value, the government-required report comprising at least an identification of the specified account at the financial institution to which the deposit is being made, the accumulated total value of the deposit, and the serial number for each currency bill included in the deposit.

2. (Currently Amended) The method according to claim 1, further comprising:

counting a number of currency bills of each denomination included in the deposit;

and

wherein generating the government-required report includes automatically generating the report to further comprise the number of currency bills of each denomination included in the deposit.

3. (Currently Amended) The method according to claim 2, wherein automatically generating the government-required report further comprises automatically generating the report

to include an identification of a location of the document processing device into which the deposit was made, and an identification of a teller or customer responsible for the deposit.

4. (Currently Amended) The method according to claim 3, wherein scanning further comprises scanning a complete image on at least one side of each currency bill so as to produce the electronic data, and wherein automatically generating the government-required report includes automatically generating the report to include complete images of the currency bills included in the deposit.

5. (Original) The method according to claim 1, wherein the documents include at least one deposit slip bearing an image, and wherein scanning includes scanning the image on the deposit slip to produce the electronic data.

6. (Previously Presented) The method according to claim 1, further comprising:
reading the identification of the specified account at the financial institution from a card supplied by a depositor; and
storing the specified account identification with the scanned images relating to the corresponding deposit.

7. (Original) The method according to claim 1, wherein the prescribed value is \$10,000.

8. (Original) The method according to claim 1, further comprising storing the electronic data so that images of the documents may be retrieved and displayed for review at a time subsequent to completion of the deposit.

9. (Previously Presented) The method according to claim 1, further comprising:
detecting a suspect counterfeit currency bill included in the deposit;
generating a signal indicating the detection of a suspect counterfeit bill; and

retaining electronic data representing at least a portion of an image on the detected suspect counterfeit bill in association with the identification of the specified account at the financial institution.

10. (Original) The method according to claim 1, wherein transporting the plurality of documents and denominating the plurality of documents occurs at a rate in excess of 800 documents per minute.

11. (Original) The method according to claim 1, wherein transporting the plurality of documents and denominating the plurality of documents occurs at a rate in excess of 1,000 documents per minute.

12. (Currently Amended) A system for accepting deposits of currency bills into a document processing device for crediting to a specified account, comprising:

an input receptacle adapted to receive a plurality of documents associated with a deposit transaction at a financial institution, and wherein at least one currency bill is included in the plurality of documents;

at least one output receptacle for receiving the plurality of documents after they have been processed;

an image scanner adapted to scan an image of at least a serial number on each currency bill to produce electronic data;

a transport mechanism adapted to transport the plurality of documents, one at a time, from the input receptacle past the image scanner to the output receptacle;

a processor adapted to extract the serial number of each currency bill from the electronic data;

a denominating device for denominating each currency bill;

an accumulating device for accumulating a total value of the currency bills included in each deposit; and

a generating device for automatically generating a government-required report whenever the accumulated total value exceeds a prescribed value, the report including at least an identification of the specified account at the financial institution to which the

deposit is being made, the accumulated total value, and the serial number for each currency bill included in the deposit.

13. (Previously Presented) The system according to claim 12, further comprising a counting device for counting the number of bills of each denomination included in the deposit, and wherein the government-required report includes the number of bills of each denomination included in the deposit.

14. (Previously Presented) The system according to claim 13, wherein the government-required report further comprises:

an identification of a location of the document processing device into which the deposit was made; and

an identification of a teller or customer responsible for the deposit.

15. (Original) The system according to claim 14, wherein the image scanner is adapted to scan the complete image on at least one side of each of the currency bills to produce electronic data, and wherein the report includes the complete images of all the bills included in the deposit.

16. (Original) The system according to claim 15, wherein the plurality of documents includes at least one deposit slip bearing an image, and wherein the scanner is adapted to scan an image of the at least one deposit slip to produce electronic data representing the image, and wherein the report includes the image of the at least one deposit slip.

17. (Previously Presented) The system according to claim 16, further comprising:

a card reader that reads the indication of the specified account at the financial institution from a card supplied by the depositor; and

a memory storing account identification with the image data relating to the corresponding deposit.

18. (Original) The system according to claim 17, further comprising a memory storing the electronic data such that the images can be retrieved and displayed for review at a time subsequent to completion of the deposit transaction.

19. (Original) The system according to claim 18, further comprising a suspect counterfeit detector that detects suspect counterfeit currency bills included in the deposit and generates a signal that indicates the detection of a suspect counterfeit bill and causes electronic data representing at least a portion of an image on the detected suspect counterfeit bill to be retained.

20. (Original) The system according to claim 19, wherein the transport mechanism is adapted to transport documents, and the denominating device is adapted to denominate documents at a rate in excess of 800 documents per minute.

21. (Original) The system according to claim 19, wherein the transport mechanism is adapted to transport documents, and the denominating device is adapted to denominate documents at a rate in excess of 1000 documents per minute.

22. (Original) The system according to claim 19, wherein the prescribed value is \$10,000.

23. (Currently Amended) A document processor for processing a deposit of currency bills into a specified account at a financial institution, comprising:

- an input receptacle adapted to receive documents associated with a deposit transaction being made at the financial institution, the documents including at least one currency bill;

- at least one output receptacle for receiving the documents after they have been processed;

- an image scanner adapted to scan an image on at least a portion of each currency bill to produce electronic data;

a transport mechanism adapted to transport the documents, one at a time, from the input receptacle past the image scanner to the at least one output receptacle;

a denominating device to denominate documents which are currency bills; and

a processor programmed to accumulate the total value of the currency bills included in each deposit, and to automatically generate a government-required report whenever the accumulated total value exceeds a prescribed value, the government-required report containing at least an identification of the specified account at the financial institution to which the deposit is being made, the accumulated total value and the scanned images of the currency bills included in the deposit.

24. (Original) The processor according to claim 23, wherein the transport mechanism is adapted to transport documents, and the denominating device is adapted to denominate documents at a rate of approximately 800 to 1000 documents per minute.

25. (Original) The processor according to claim 24, wherein the transport mechanism is adapted to transport documents, and the denominating device is adapted to denominate documents at a rate in excess of 1000 documents per minute.

26. (Previously Presented) The processor according to claim 23, further comprising a memory adapted to store the electronic data from the image scanner so that the scanned images may be retrieved and displayed for review after completion of the deposit;

a counting device which counts the number of currency bills of each denomination included in the deposit; and

wherein the government-required report includes the number of currency bills of each denomination included in the deposit.

27. (Previously Presented) The processor according to claim 26, wherein the government-required report includes an identification of a location of the document processing device into which the deposit was made, and an identification of a teller or customer responsible for the deposit.

28. (Previously Presented) The processor according to claim 27, wherein the image scanner is adapted to scan the complete image on at least one side of each of the currency bills to produce electronic data, and the government-required report includes the complete images of all the currency bills included in the deposit.

29. (Original) The processor according to claim 28, wherein the documents include at least one deposit slip bearing an image, the scanner is adapted to scan an image of the deposit slip to produce electronic data, and the report includes the image of the deposit slip.

30. (Original) The processor according to claim 29, wherein the prescribed value is \$10,000.

31. (Previously Presented) The processor according to claim 30, wherein the image scanner is adapted to scan a serial number for each currency bill to generate electronic data, and the government-required report includes the serial number for each currency bill.

32. (Currently Amended) A method for processing a deposit of currency bills into a document processing device for crediting a specified account at a financial institution, comprising:

receiving documents associated with a deposit transaction being made at the financial institution;

scanning an image on at least a portion of each bill to produce electronic data representing at least a partial video image of each currency bill;

transporting the documents, one at a time, from ~~the~~ an input receptacle past the image scanner to at least one output receptacle;

denominating documents which are currency bills;

storing the electronic data from the image scanner so that the scanned video images may be retrieved and displayed for review after completion of the deposit;

accumulating a total value of the currency bills included in each deposit; and

automatically generating and printing a government-required report whenever the accumulated total value exceeds a prescribed value, the report including at least an identification of the specified account at the financial institution to which the deposit is being made, the accumulated total value and the scanned images of each currency bill included in the deposit.

33. (Previously Presented) The method according to claim 32, wherein denominating further comprises denominating documents at a rate of approximately 800 to 1000 documents per minute.

34. (Original) The method according to claim 32, wherein denominating further comprises denominating documents at a rate in excess of 1000 documents per minute.

35. (Currently Amended) The method according to claim 32, wherein automatically generating and printing a government-required report further comprises automatically generating and printing the report whenever the accumulated total value exceeds \$10,000.

36. (Currently Amended) The method according to claim 32, further comprising:
counting the number of currency bills of each denomination included in the deposit; and
automatically generating and printing a government-required report which includes the number of currency bills of each denomination included in the deposit.

37. (Currently Amended) The method according to claim 36, wherein automatically generating and printing the government-required report further comprises:
identifying a location of the document processing device into which the deposit was made; and
identifying a teller or customer responsible for the deposit.

38. (Original) The method according to claim 37, wherein scanning further comprises scanning the complete image on at least one side of each currency bill to produce electronic data.

39. (Currently Amended) The method according to claim 38, wherein automatically generating and printing the government-required report further comprises automatically generating and printing the report to include the complete image of each currency bill included in the deposit.

40. (Currently Amended) The method according to claim 39, further comprising:
receiving a deposit slip bearing an image;
scanning an image of the deposit slip to produce electronic data; and
automatically generating and printing the government-required report to include the imaged deposit slip.

41. (Currently Amended) The method according to claim 40, further comprising:
scanning a serial number for each currency bill to produce electronic data; and
automatically generating and printing the government-required report to include the serial number.

42. (Original) The method according to claim 41, wherein the prescribed value is \$10,000.

43-60. (Canceled).

61. (Previously Presented) The method according to claim 8, wherein the electronic data represents at least a partial video image of each currency bill.

62. (Previously Presented) The system according to claim 18, wherein the electronic data represents at least a partial video image of each currency bill.

63. (Previously Presented) The processor according to claim 26, wherein the electronic data represents at least a partial video image of each currency bill.

64. (New) The method according to claim 1, further comprising the act of automatically generating a government-required report in response to dispensing at least one currency bill having a specified serial number.

65. (New) The method according to claim 1, further comprising the act of automatically generating a government-required report in response to dispensing at least one currency bill having a specified denomination.

66. (New) The method according to claim 65, wherein the specified denomination at least includes one-hundred-dollar bills.